

THE 2018 HPS SALARY SURVEY

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Introduction

The 2018 Health Physics Society (HPS) survey data was collected by having health physicists (HPs) submit their responses to survey questions on a web-based data-entry form. As was done in previous years, data was collected in conjunction with a salary survey of certified health physicists (CHPs).

The CHP salary survey results was reported separately in the [CHP Corner](#).

The survey was also available in hard-copy form for those who preferred to fax or mail their responses.

Questions about this survey should be directed to **Stephen L. Bump**, via email: steve.bump@nv5.com

Data Analysis

The salary ranges marked by HPs on the completed survey forms were rounded to the midpoints of those ranges before statistical analyses were performed. For example, if an HP marked the salary range \$50,000 to \$52,499, their salary was rounded to the midpoint value of \$51,250.

Responses from HPs who were either part-time or retired were not analyzed, since the data did not appear to allow meaningful comparisons to be made.



To minimize skewing the results, data from survey respondents were excluded from the data analysis if they indicated that they earned more than \$360,000 per year.

HP salaries by region are also presented in this report.

Data Presentation

In an effort to make the results of the survey interesting and useful, HPs were subcategorized in several ways by education, field of practice, primary job responsibility, years of

experience, and combinations of these subcategories.

Readers are advised that for statistical validity, results were given only if there were 10 or more HPs within that subcategory. Data presented for one subcategory of HPs may not be possible for another subcategory. There were slightly fewer respondents in 2018 as compared to 2017.

The subcategories in the tables may also change from year to year, depending on the number of responses received. Every effort was made to keep the subcategories consistent with previous surveys, but if there were fewer than 10 HPs the results were not given.

Tables and Figures

Tables show results for full-time HPs who received health, vacation, and retirement benefits from their primary employer unless otherwise noted.

Histograms of the data shown in Table 1- All HPs and Table 2 - Masters Health Physics are included as Figures 1 and 2 respectively.

All of the following tables are for full-time HPs with health, vacation, and retirement benefits unless otherwise indicated.

Table 1: All HPs

All HPs	Count	Average	Median	Max	Min	Std Dev
HPs	312	\$116,278	\$107,500	\$360,000	\$36,250	\$46,879

Table 2: HPs by Education

Education	Count	Average	Median	Max	Min	Std Dev
Bachelor's HP	28	\$112,580	\$83,750	\$212,400	\$41,250	\$43,122
Bachelor's Other	66	\$97,917	\$97,500	\$171,250	\$36,250	\$33,856
Master's HP	97	\$112,580	\$106,250	\$250,000	\$48,750	\$38,705
Master's Other	70	\$132,235	\$126,250	\$250,000	\$48,750	\$46,889
PhD HP	16	\$149,922	\$112,500	\$360,000	\$71,250	\$89,536
PhD Other	30	\$135,533	\$127,500	\$228,000	\$53,750	\$43,625

Table 3: HPs by Education and < 6 Years of Experience

Edu & <6 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All HPs	72	\$80,833	\$76,250	\$181,250	\$36,250	\$26,428
Bachelor's HP	10	\$57,000	\$ 61,250	\$71,250	\$41,250	\$11,368
Bachelor's Other	16	\$69,844	\$ 67,500	\$116,250	\$36,250	\$22,416
Master's HP	30	\$84,083	\$ 81,250	\$121,250	\$56,250	\$14,470

Table 4: HPs by Education and 6-15 Years of Experience

Edu & 6-15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All HPs	77	\$107,620	\$103,750	\$350,000	\$41,250	\$43,533
Bachelor's All	28	\$94,286	\$ 88,750	\$171,250	\$41,250	\$33,606
Master's HP	21	\$111,845	\$113,750	\$172,750	\$58,750	\$29,346
Master's Other	13	\$106,250	\$101,250	\$176,250	\$63,750	\$29,948
PhD All	13	\$135,712	\$113,750	\$350,000	\$71,250	\$75,137

Table 5: HPs by Education and >15 Years of Experience

Edu & >15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All HPs	162	\$136,456	\$128,750	\$360,000	\$48,750	\$44,940
Bachelor's HP	11	\$131,582	\$118,750	\$212,400	\$81,250	\$41,219
Bachelor's Other	29	\$115,043	\$116,250	\$161,250	\$66,250	\$25,457
Master's HP	45	\$132,950	\$128,750	\$250,000	\$48,750	\$41,377
PhD HP	50	\$148,679	\$138,750	\$250,000	\$51,250	\$45,895
PhD Other	24	\$155,489	\$148,750	\$360,000	\$83,750	\$60,611

Table 6: HPs by US Regions*

HPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	43	\$116,192	\$106,250	\$203,750	\$53,750	\$41,247
Midwest	54	\$110,483	\$98,750	\$213,434	\$48,750	\$43,212
South	92	\$120,394	\$113,750	\$360,000	\$36,250	\$50,922
West	85	\$116,109	\$108,750	\$350,000	\$41,250	\$48,656

*- The four major regions of the United States as defined by the U.S. Census Bureau for which data are presented represent groups of states as follows:

Northeast. Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont.

Midwest. Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin.

South. Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia.

West. Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming.

Table 7: Master's Health Physics and Primary Employer

Masters Health Physics & Primary Employer	Count	Average	Median	Max	Min	Std Dev
Federal	19	\$113,355	\$108,750	\$166,250	\$71,250	\$32,245
Medical	12	\$105,000	\$98,750	\$183,750	\$66,250	\$35,572
University	14	\$96,250	\$87,500	\$173,750	\$48,750	\$34,110
National Laboratory	13	\$127,788	\$123,750	\$172,750	\$81,250	\$31,467

Table 8: All HPs by Other Certifications

All HPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev
ABR	13	\$204,498	\$196,250	\$360,000	\$103,750	\$62,604
NRRPT	40	\$125,779	\$121,250	\$212,400	\$63,750	\$34,886
Other	19	\$169,671	\$166,250	\$360,000	\$81,250	\$67,496

Table 9: Master's Health Physics by Field of Practice

Masters Health Physics & Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Applied Health Physics	27	\$118,667	\$106,250	\$209,000	\$66,250	\$40,974
Medical Health Physics	10	\$137,875	\$120,000	\$250,000	\$83,750	\$55,171

Table 10: All HPs by Field of Practice

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Accelerator	12	\$128,542	\$132,500	\$171,250	\$81,250	\$34,236
Administration	19	\$114,013	\$106,250	\$191,250	\$48,750	\$39,334
Applied Health Physics	73	\$111,012	\$103,750	\$360,000	\$41,250	\$50,432
Dosimetry	16	\$108,906	\$102,500	\$193,750	\$71,250	\$33,534
Emergency Preparedness	11	\$106,705	\$111,250	\$163,750	\$36,250	\$40,556
Environmental	27	\$114,491	\$126,250	\$178,750	\$56,250	\$33,504
Instrumentation	12	\$126,875	\$115,000	\$178,750	\$98,750	\$27,780
Medical Health Physics	38	\$143,809	\$128,750	\$250,000	\$48,750	\$54,751
Radiological Engineering	17	\$99,044	\$98,750	\$161,250	\$51,250	\$30,154
Power Reactor	12	\$118,333	\$116,250	\$172,750	\$88,750	\$22,934
Regulations and Standards	27	\$110,729	\$103,750	\$230,000	\$41,250	\$49,531

Table 11: HPs as Professional Staff (All HPs in this category and by Education)

HPs as Professional Staff	Count	Average	Median	Max	Min	Std Dev
All HPs in this Category	177	\$107,838	\$103,750	\$250,000	\$36,250	\$38,376
Bachelor's HP	18	\$95,619	\$87,500	\$212,400	\$41,250	\$43,860
Bachelor's Other	38	\$93,224	\$91,250	\$161,250	\$36,250	\$28,641
Master's HP	61	\$106,230	\$103,750	\$250,000	\$48,750	\$37,227
Master's Other	28	\$117,723	\$103,750	\$250,000	\$56,250	\$41,854
PhD All	28	\$128,839	\$121,250	\$203,750	\$53,750	\$38,865

Table 12: HPs as Supervisor of Professional Staff

HPs as Supervisor of Professional Staff	Count	Average	Median	Max	Min	Std Dev
All HPs in this Category	28	\$134,944	\$123,750	\$237,500	\$73,750	\$45,379

Table 13: All HPs as Facility Manager, RPM/RSO, University RSO

HPs as RPM/RSO	Count	Average	Median	Max	Min	Std Dev
All HPs as RPM/RSO	30	\$132,900	\$125,000	\$228,000	\$66,250	\$40,166
University RSO	13	\$95,673	\$93,750	\$161,250	\$48,750	\$28,689
Medical RSO	29	\$128,784	\$128,750	\$238,000	\$51,250	\$49,973

Figure 1: Histogram of Table 1 Data, all HPs

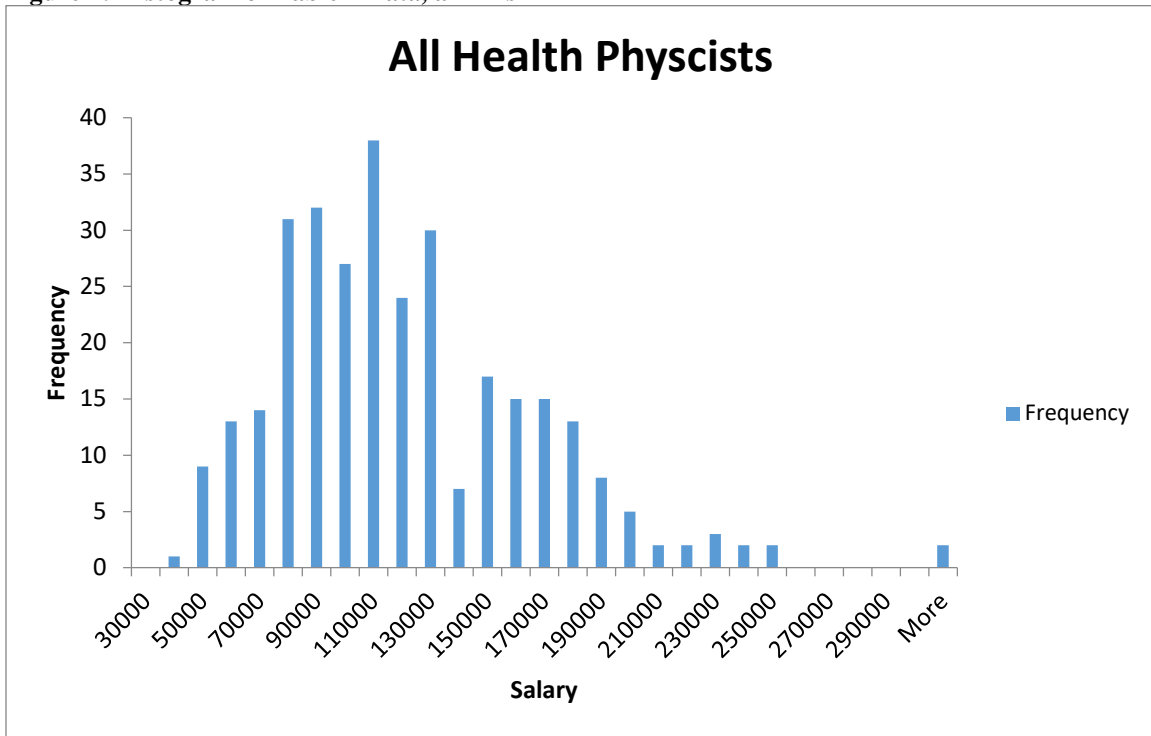
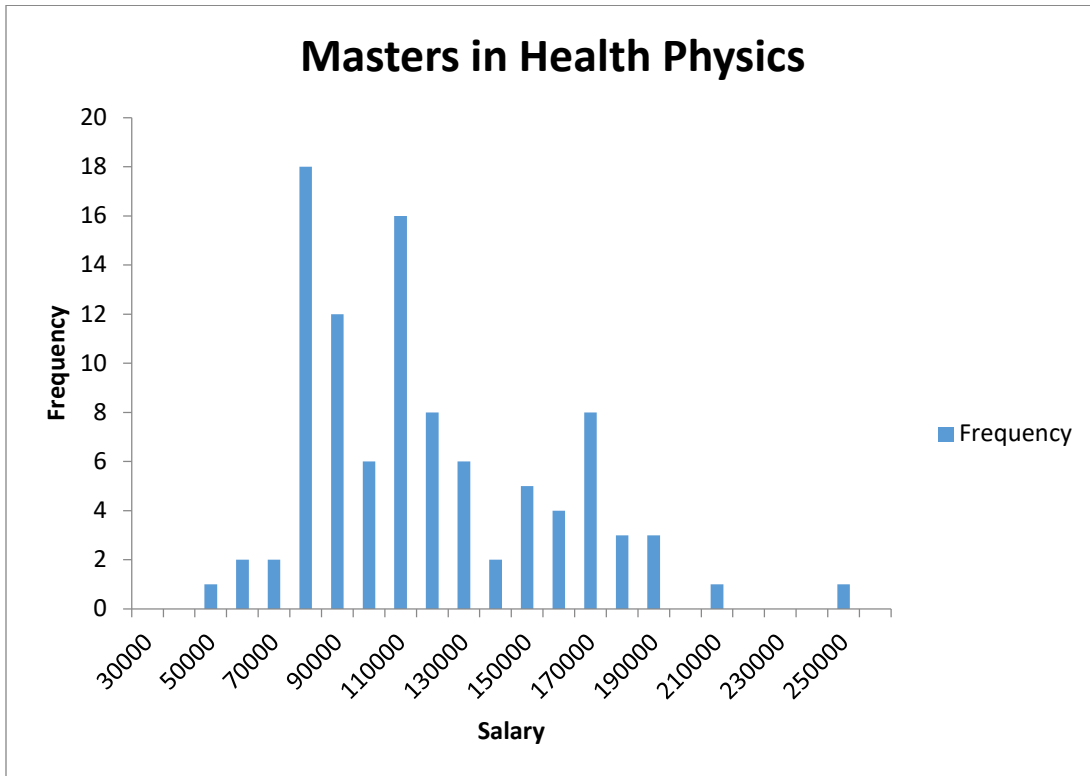


Figure 2: Histogram of Table 2 Data, Master's Health Physics HPs



Acknowledgements

Thank you for participating in this survey. Your confidential data benefits the entire health physics community and is never shared such that it would be possible to identify individual participants.